

DEBT MANAGEMENT

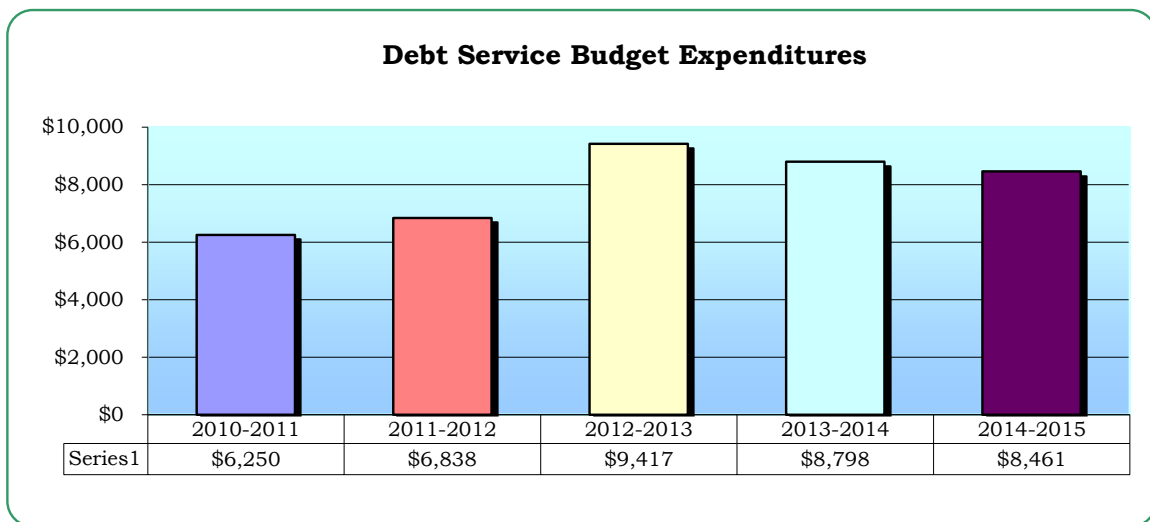
**CITY OF BRISTOL, CONNECTICUT
2014-2015 BUDGET
EXPENDITURE SUMMARY FOR DEBT SERVICE**

ORGCODE	DESCRIPTION	PRIOR YEAR ACTUAL 2012-2013	ORIGINAL BUDGET 2013-2014	REVISED BUDGET 2013-2014	BUDGET REQUEST 2014-2015	JOINT BOARD 2014-2015
DEBT8010	LONG TERM DEBT PRINCIPAL PAYMENT	\$6,370,375	\$6,275,375	\$6,275,375	\$6,186,000	\$6,186,000
DEBT8020	LONG TERM DEBT INTEREST PAYMENT	2,980,708	2,653,190	2,653,190	2,400,020	2,400,020
DEBT8030	SHORT TERM DEBT PRINCIPAL PAYMENT	0	0	0	250,000	0
DEBT8040	SHORT TERM DEBT INTEREST PAYMENT	152,239	100,000	100,000	100,000	100,000
TOTAL DEBT SERVICE		\$9,503,322	\$9,028,565	\$9,028,565	\$8,936,020	\$8,686,020

Program Summary

This series of line items reflects those expenditures made by the City for principal and interest payments for short and long-term debt. A debt service fund was created for the payments made to service this type of debt. The debt service fund is not a budgetary fund. Deposits to the debt service fund are in the form of operating transfers out from the general fund.

Shown below are the expenditures in the debt service fund during the past five fiscal years excluding Water Pollution payments.



Numbers in the above chart are in thousands

Debt Management (continued)

Program Commentary

Capital infrastructure is essential to all municipalities large and small. The amounts budgeted and expended for debt service have a direct relationship to the City's strategies for financing capital improvements. It is important to prepare a short-term and a long-term plan for the replacement and/or addition of City fixed assets and to estimate the available funding sources. To implement both plans (short and long-term), the City prepares a Capital Improvement Program (CIP). The CIP is a multi-year plan that identifies capital projects to be funded during the planning period. This represents the City's long-term infrastructure plan. The City also approves a Capital Budget, which represents the first year of the CIP. The Capital Budget, described beginning on page 335, is the City's annual appropriation for capital spending and is legally adopted by the City.

The City uses a policy of providing a mix of current revenues, state and federal grants, intergovernmental contributions, and bond proceeds to fund its capital projects. However, given the advantageously low long-term debt rate environment during the past couple of years, the City has consciously chosen to issue long-term general obligation debt for its larger capital projects.

Bond Rating

The Government Finance Officers Association (GFOA) Elected Official's Guide to Rating Agency Presentations describes a **bond rating** as an independent assessment of the relative credit risk associated with purchasing and holding a particular bond, and the likelihood that the obligation will be repaid. The rating focuses on the city's ability and willingness to make full and timely payments. The City of Bristol uses the services of three rating agencies.

There are three primary agencies that rate debt issuances of private and for-profit entities. They are: Moody's Investors Service, Standard & Poor's Ratings Service, and Fitch Inc.

Bond ratings are public information, and the rating agencies use a number of means to distribute their ratings to a wide audience. Investors are the most common users of bond ratings. But because ratings are so accessible and easy to understand, the media, policy makers, and taxpayers also use them and often consider the rating an indication of a municipality's, like Bristol's, overall fiscal health.

A credit rating does affect the cost of borrowing. A high bond rating indicates low credit risk to the investor, low risk results in a higher sale price and lower coupon interest rates for the bond's issuer (the City). When all other factors are held constant, borrowing will be more costly for an issuer with a lower bond rating.

In assigning a credit rating, the rating agency's primary concern is the issuer's willingness and ability to repay the debt on time and in full. Different factors are then analyzed. The credit analyst will focus on four primary factors.

They are:

- ✓ **Debt management** – An assessment of the community's ability to support existing and planned debt obligations, using key financial ratios as indicators such as debt per capita and overall debt burden.
- ✓ **Administrative issues** – A review of the organization and authority of the government's administration and services for which it is directly responsible. Also included in this category is an assessment of the goals and philosophies of management and the type of budgeting used.

Debt Management (continued)

- ✓ **Financial performance** – An analysis of revenue and expenditure trends and the adequacy, dependability, and scope of revenues, including the issuer's ability to tap into additional revenue sources for debt service. This category also includes financial position and the size and composition of fund balance.
- ✓ **Economic base** – An evaluation of the jurisdiction's economic outlook focusing on the tax base, income, population, employment, diversity and composition of employers, building permits, vacancy rates, and real estate values.

Of all the factors, the economic base tends to carry the most weight in rating, but it is also the category over which issuers have the least amount of control. Also of prime importance is financial performance. The other two factors – administrative factors and debt management – considered “lesser” factors in the past, have been placed to the forefront by the rating agencies. In fact, all three agencies have cited that: “Bristol’s experienced and capable fiscal management has contributed to its consistent financial performance.”

The City issued \$40.4 million of tax-exempt general obligation bonds in June 2011. Taxable notes in the amount of \$5.3 million were issues on January 28, 2014. The notes will mature October 27, 2014 and will be re-issued (rolled over) with a small \$100,000 pay down.

Standard and Poor’s upgraded the City’s bond rating from AA to AA+, the Moody’s Investors Service rating remained at Aa3 and the Fitch ratings remained at AA.

Standard and Poor’s and Fitch assigned ratings of “SP-1+” and “F1+”, respectively to the Notes.

The bonds were issued to permanently finance various general purpose and school projects. The notes were issued to provide temporary financing for general purpose projects (mall site and related expenses).

Rating Methodology: Recalibration of Moody’s U.S. Municipal Ratings to its Global Rating Scale.

In April 2010, Moody’s recalibrated its long-term U.S. municipal ratings to its global rating scale. The benchmarking analysis of municipal credits against global scale ratings across the Moody’s rated universe will result in an upward shift for most state and local government long-term municipal ratings- Moody’s Investors Service. Due to the recalibration of the ratings, the City rating was raised from Aa3 to Aa2.

Program Summaries- Debt Management

Debt Management (continued)

The following is a Ratings Guide to the three public rating agencies.

Rating	Description
Fitch IBCA	
AAA	Highest credit quality
AA (+ or -)*	Very high credit quality
A (+ or -)	High credit quality
BBB (+ or -)	Good credit quality
BB (+ or -)	Speculative
B (+ or -)	Highly speculative
CCC,CC,C (+ or -)	High default risk
D	In default
Moody's	
Aaa	Best quality
Aa1, Aa2, Aa3	High quality by all standards
A1, A2, A3	Upper medium grade
Baa1, Baa2, Baa3	Medium grade
Ba1, Ba2, Ba3	Has speculative elements
B1, B2, B3	Generally lacks characteristics of a desirable investment
Caa	Poor standing; may be in default
Ca	Speculative in a high degree; often in default
C	Lowest rated class of bonds; extremely poor prospects
Standard & Poor's	
AAA	Highest quality; extremely strong capacity to pay
AA (+ or -)	High quality; very strong capacity to pay
A (+ or -)	Strong capacity to pay principal and interest
BBB (+ or -)	Adequate capacity to pay principal and interest
BB (+ or -)	Low speculative
B (+ or -)	Speculative
CCC,CC (+ or -)	High speculation
C	Income bonds on which no interest is being paid
D	In default
* "+" or "-" may be added to Fitch IBCA and Standard & Poor's ratings to indicate the relative positions of a credit within a rating category. The digits 1-3 appended to Moody's ratings perform the same function.	

The Past (Debt Issuances)

The City's most recent long term debt issuance was on June 15, 2011, with a total of \$40,400,000 issued. On October 27, 2014 the short-term note portion will be rolled over. The chart below illustrates the projects covered by the short-term issue:

Project	The Notes to Mature
Mall Purchase/Legal.....	\$4,482,000
Mall Demolition/Abatement.....	\$818,000
	<u>\$5,300,000</u>

Current Budget (Debt Service)

The City has budgeted \$8,461 for existing debt service obligations in the 2014-2015 general fund budget. This amount fully funds the City of Bristol's debt service principal and interest payments on outstanding obligations. The Water Pollution Control budget found in the Special Revenue section contains the remaining funds of \$230,260 for its portion of debt service from the June 2011 issue. A listing of projects and outstanding bonds as of July 1, 2014 can be found on page 368.

Debt Management (continued)

Capital Project Loan Obligations

The City entered into Project Loan and Project Grant Agreements from 2002 and 2006 between the State of Connecticut and the City of Bristol at an annual rate of 2%. The purpose of the loans was for Water Pollution Control upgrades to existing sewer lines to reduce flow volume into the wastewater treatment plant.

These obligations are being repaid monthly through sewer user fees within the Water Pollution Control Capital Non-recurring fund.

Shown below are the Clean Water Loans that were received by the City of Bristol. A schedule of the remaining balances can be found on page 367.

Contract #	Date of Issuance	Amount Issued
415 D/C	6/30/2002	\$ 1,409,533.19
498 D/C	6/30/2002	\$ 1,483,380.00
504 C	12/31/2003	\$ 1,488,101.08
562 C	11/30/2004	\$ 693,527.00
464 C	5/31/2006	\$ 470,225.00
Total Cleanwater		\$ 5,544,766.27

Capital Projects

A detailed explanation of approved Capital Projects for the upcoming year to be funded, in part, by debt issuance may be found behind the 'Capital Budget Summary' tab located toward the back of this document. The City issued \$40.4 million in long-term bonds on June 15, 2011. The majority of this issue was for the two new K-8 schools, with the remainder for various citywide infrastructure improvements. A more comprehensive review of Capital Projects can be found behind the 'Capital Budget Summary' tab in this document. Located on page 368 of this document is a listing of bonding appropriations the City has made within the Capital Projects Funds.

The Future (Debt Policy)

In keeping with its debt policy and long-term goals, the City will strive not to issue bonds more frequently than once every two fiscal years. The City will also try to ensure its bonded debt per capita does not exceed \$1,000. The City adopted a debt policy on May 22, 2001 that can be found behind the 'Policy Initiatives' tab in this budget document.

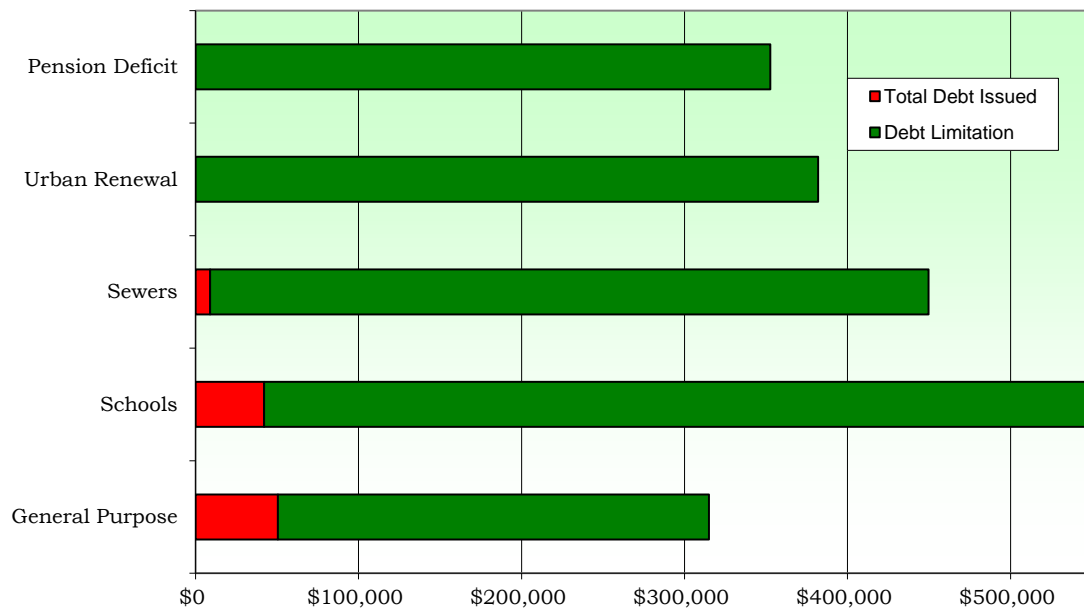
The City issues debt only for projects included in the Capital Improvement Program and approved in the capital improvement budget. Before doing so, the City reviews the status of previously approved projects, develops information for new projects, and examines capital project alternatives. Debt levels are carefully analyzed to assess how much borrowing capacity to allow. Taken into consideration are environmental factors such as community needs and resources, external economic conditions, financial factors, such as expected year-end operating position, financial condition, proposed debt structure, market conditions, fund balance levels, as well as statistical benchmarks known to be considered by rating agencies. Used in combination, these factors help aid the current debt service decision-making process and also keep debt within manageable bounds for future debt issuance considerations.

Debt Management (continued)

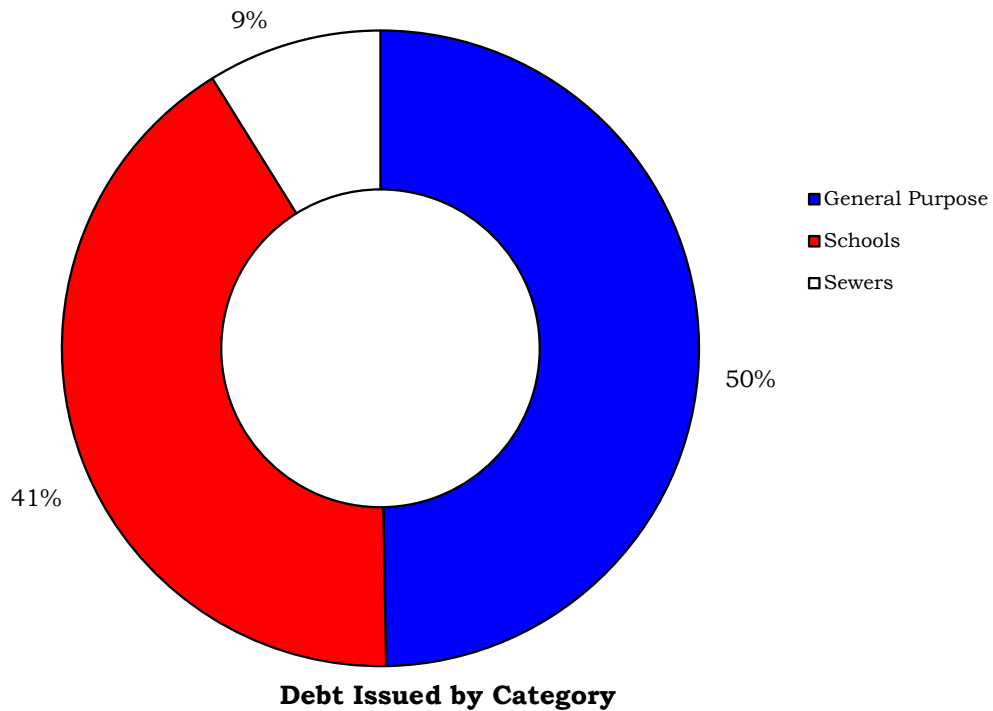
The City prefers its debt structure to be level and to have a relatively rapid payback period which keeps the bond year short. Again, this strategy is viewed positively by rating agencies and allows the community to take advantage of the year-to-year reduction of debt service for other purposes.

Finally, Connecticut municipalities fall under state laws to keep debt issuances within statute-provided limits. While these authorized versus issued limits are set reasonably high, the City of Bristol is conscious of these limits and the City's total debt outstanding is well below these limits. Shown below is a graphical representation of the debt limitation imposed by the State of Connecticut vs. the actual debt authorized by the City of Bristol.

**Debt Limitation vs. Actual Debt Issued
(In Thousands)**



Debt Management (continued)



The charts above and on the preceding page are from the Schedule of Debt Limitation as of June 30, 2013 found on the next page.

SCHEDULE OF LEGAL DEBT LIMITATION

State of Connecticut general statutes indicate that ***in no case shall total indebtedness exceed seven times annual receipts from taxation.***

The chart on the following page shows the City of Bristol Debt Limitation and actual debt authorized in the five major categories: General Purpose, Schools, Sewers, Urban Renewal and Pension Deficit. The chart clearly indicates that Bristol is well below the statutory requirements for debt issuance. Amounts shown are in thousands.

**Program Summaries-
Debt Management**

Debt Management (continued)

**Schedule of Debt Limitation
June 30, 2013
(In Thousands)**

Total tax collections, including interest and lien fees \$ 125,635

Reimbursement for loss of revenues:

Tax relief for elderly - freeze 6

Base \$ 125,641

	<u>General Purpose</u>	<u>Schools</u>	<u>Sewers</u>	<u>Urban Renewal</u>	<u>Pension Deficit</u>
Debt limitation:					
2-1/4 times base	\$ 282,692	\$	\$	\$	\$
4-1/2 times base		565,385			
3-3/4 times base			471,154		
3-1/4 times base				408,333	
3 times base					376,923
Total	<u>282,692</u>	<u>565,385</u>	<u>471,154</u>	<u>408,333</u>	<u>376,923</u>
Indebtedness:					
Bonds and notes payable	32,086	37,219	7,888		
Bond anticipation notes	5,810				
Bonds authorized and unissued	8,093	102,436	450		
State Grant Commitments		(100,613)			
Total	<u>45,989</u>	<u>39,042</u>	<u>8,338</u>	<u></u>	<u></u>
Debt Limitation in Excess of Outstanding and Authorized Debt	<u>\$ 236,703</u>	<u>\$ 526,343</u>	<u>\$ 462,816</u>	<u>\$ 408,333</u>	<u>\$ 376,923</u>

Program Summaries- Debt Management

Debt Management (continued)

Budget Highlights

DEBT8010 LONG TERM DEBT- PRINCIPAL

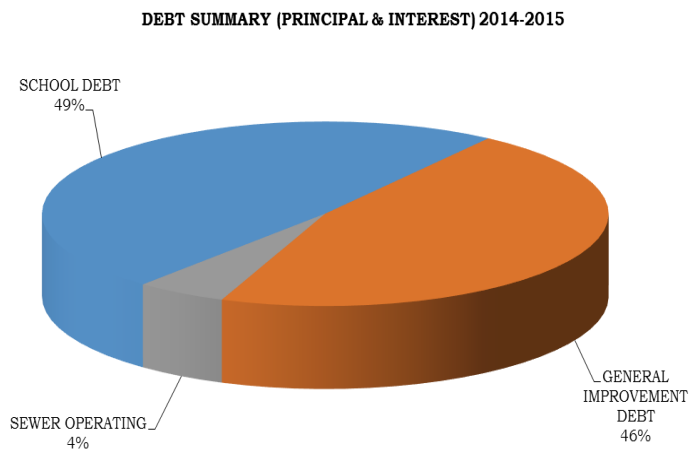
OBJECT	PROJECT	DESCRIPTION	PRIOR YEAR ACTUAL 2012-2013	ORIGINAL BUDGET 2013-2014	REVISED BUDGET 2013-2014	BUDGET REQUEST 2014-2015	JOINT BOARD 2014-2015
LONG TERM DEBT- PRINCIPAL							
588111	SCHOOL DEBT		\$3,060,000	\$3,060,000	\$3,060,000	\$3,035,000	\$3,035,000
588112	GENERAL IMPROVEMENT		2,930,375	2,930,375	2,930,375	2,866,000	2,866,000
588115	SEWER OPERATING DEBT		380,000	285,000	285,000	285,000	285,000
TOTAL LONG TERM DEBT PRINCIPAL			\$6,370,375	\$6,275,375	\$6,275,375	\$6,186,000	\$6,186,000
TOTAL LONG TERM DEBT PRINCIPAL			\$6,370,375	\$6,275,375	\$6,275,375	\$6,186,000	\$6,186,000

DEBT8020 LONG TERM DEBT- INTEREST

OBJECT	PROJECT	DESCRIPTION	PRIOR YEAR ACTUAL 2012-2013	ORIGINAL BUDGET 2013-2014	REVISED BUDGET 2013-2014	BUDGET REQUEST 2014-2015	JOINT BOARD 2014-2015
LONG TERM DEBT INTEREST							
588121	SCHOOL DEBT		\$1,461,986	\$1,325,780	\$1,325,780	\$1,192,542	\$1,192,542
588122	GENERAL IMPROVEMENT		1,242,804	1,068,020	1,068,020	1,043,349	1,043,349
588125	SEWER OPERATING DEBT		275,920	259,380	259,380	164,128	164,128
TOTAL LONG TERM DEBT INTEREST			\$2,980,710	\$2,653,180	\$2,653,180	\$2,400,019	\$2,400,019
TOTAL LONG TERM DEBT INTEREST			\$2,980,710	\$2,653,180	\$2,653,180	\$2,400,019	\$2,400,019

DEBT8040 SHORT TERM DEBT INTEREST

OBJECT	PROJECT	DESCRIPTION	PRIOR YEAR ACTUAL 2012-2013	ORIGINAL BUDGET 2013-2014	REVISED BUDGET 2013-2014	BUDGET REQUEST 2014-2015	JOINT BOARD 2014-2015
DEBT SERVICE TRANSFER OUT							
588122	GENERAL IMPROVEMENT DEBT- INTEREST		\$65,870	\$100,000	\$100,000	\$100,000	\$100,000
TOTAL DEBT SERVICE TRANSFER OUT			\$65,870	\$100,000	\$100,000	\$100,000	\$100,000
TOTAL DEBT SERVICE TRANSFER OUT			\$65,870	\$100,000	\$100,000	\$100,000	\$100,000



The graph illustrates three categories for long-term debt principal for FY 2014-2015. As shown to the left, long-term debt service principal for schools will account for 48.67% or \$4,227,542 of the long-term debt service principal payments, while general improvement debt is 46% or \$4,009,349. The remaining 4% or \$449,128 consists of debt relating to sewer system upgrades.

**Program Summaries-
Debt Management**

Debt Management (continued)

Shown below and on the following page are the debt service schedules provided by the Treasurer's Office. These schedules indicate each principal and interest payment by bond issuance year.

FUND 001 CITY OF BRISTOL, CONNECTICUT FISCAL YEAR 2014-15 BUDGET 8010 EXPENDITURE ESTIMATE DETAIL -- GENERAL FUND FUNCTION:DEBT SERVICE LONG TERM DEBT PRINCIPAL PAYMENTS							
1 INT. RATE	2 PRINCIPAL PAYMENTS: DESCRIPTION	3 PMT/ #TTL 2014-2015	4 PRIOR YEAR EXPENDED 2012-2013	5 ADOPTED BUDGET 2013-2014	6 REVISED ESTIMATE 2013-2014	7 BUDGET REQUEST 2014-2015	8 APPROVED BUDGET 2014-2015
3.74	SCHOOL BONDS - '05	19/27	965,000	970,000	970,000	980,000	980,000
3.93	SCHOOL BONDS - '06	4/4	725,000	725,000	725,000	0	0
3.12	SCHOOL BONDS - '09	10/24	25,000	20,000	20,000	20,000	20,000
3.45	SCHOOL BONDS - '11	5/29	1,345,000	1,345,000	1,345,000	1,345,000	1,345,000
3.00	SCHOOL BONDS REF '11		0	0	0	690,000	690,000
588111	TOTAL SCHOOL BONDS		\$3,060,000	\$3,060,000	\$3,060,000	\$3,035,000	\$3,035,000
3.84	IMPROVEMENT - '04	5/5	1,315,000	1,315,000	1,315,000	0	0
3.93	IMPROVEMENT - '06	4/4	625,375	625,375	625,375	0	0
3.12	IMPROVEMENT - '09	11/24	535,000	535,000	535,000	535,000	535,000
3.45	IMPROVEMENT - '11	6/28	455,000	455,000	455,000	455,000	455,000
3.00	IMPROVEMENT REF- '11		0	0	0	1,876,000	1,876,000
588112	TOTAL GEN'L IMPROVEMENT		\$2,930,375	\$2,930,375	\$2,930,375	\$2,866,000	\$2,866,000
	none						
588113	TOTAL URBAN RENEWAL		\$0	\$0	\$0	\$0	\$0
	none						
588114	SEWER-ASSESSABLE PROJECTS		\$0	\$0	\$0	\$0	\$0
5.05	SEWER REFUNDING - '93	38/38	\$95,000	\$0	\$0	\$0	\$0
3.00	SEWER BONDS - '11	5/28	285,000	285,000	285,000	285,000	285,000
588115	SEWER-OPERATING		\$380,000	\$285,000	\$285,000	\$285,000	\$285,000
8010	SUBTOTAL LONGTERM DEBT PRINCIPAL		\$6,370,375	\$6,275,375	\$6,275,375	\$6,186,000	\$6,186,000
588310	LEASE PURCHASE PRINCIPAL		\$0	\$0	\$0	\$0	\$0
8010	LONG TERM DEBT PRINCIPAL TOTAL		\$6,370,375	\$6,275,375	\$6,275,375	\$6,186,000	\$6,186,000

FUND 001 CITY OF BRISTOL, CONNECTICUT FISCAL YEAR 2014-15 BUDGET EXPENDITURE ESTIMATE SUMMARY -- GENERAL FUND SHORT TERM DEBT PRIN PYMNTS						
1 COST CENTER	2 DESCRIPTION	3 PRIOR YEAR EXPENDED 2012-2013	4 AMENDED BUDGET 2013-2014	6 REVISED ESTIMATED 2013-2014	7 BUDGET REQUEST 2014-2015	9 APPROVED BUDGET 2014-2015
588121	SCHOOL DEBT	0	0	0	0	0
588122	GENERAL IMPROVEMENT	65,870	100,000	100,000	100,000	100,000
588125	SEWER DEBT	0	0	0	0	0
8030	TOTAL SHORT TERM DEBT PAYMENTS	65,870	100,000	100,000	100,000	100,000

**Program Summaries-
Debt Management**

Debt Management (continued)

FUND 001 CITY OF BRISTOL, CONNECTICUT FISCAL YEAR 2014-15 BUDGET 8020 EXPENDITURE ESTIMATE DETAIL -- GENERAL FUND						
FUNCTION: DEBT SERVICE						
LONG TERM DEBT INTEREST PAYMENTS						
1 INT. RATE	2 INTEREST PAYMENTS: DESCRIPTION	3 PRIOR YEAR EXPENDED 2012-2013	4 ADOPTED BUDGET 2013-2014	5 REVISED ESTIMATE 2013-2014	6 BUDGET REQUEST 2014-2015	7 APPROVED BUDGET 2014-2015
3.74	SCHOOL BONDS - '05	267,758	219,383	219,383	170,632	170,632
3.93	SCHOOL BONDS - '06	53,469	19,937	19,937	0	0
3.12	SCHOOL BONDS - '09	9,500	9,000	9,000	8,600	8,600
3.45	SCHOOL BONDS - '11	884,140	830,340	830,340	776,540	776,540
3.00	SCHOOL BONDS REF- '11	247,120	217,120	217,120	236,770	236,770
588121	TOTAL SCHOOL BONDS	\$1,461,986	\$1,295,780	\$1,295,780	\$1,192,542	\$1,192,542
3.84	IMPROVEMENT - '04	67,394	23,015	23,015	0	0
3.93	IMPROVEMENT - '06	46,121	17,190	17,190	0	0
3.12	IMPROVEMENT - '09	208,854	125,580	125,580	187,455	187,455
3.45	IMPROVEMENT - '11	298,865	280,665	280,665	262,465	262,465
3.00	IMPROVEMENT REF- '11	621,570	621,570	621,570	593,430	593,430
588122	TOTAL GEN'L IMPROVEMENT	\$1,242,804	\$1,068,020	\$1,068,020	\$1,043,350	\$1,043,350
588123	TOTAL URBAN RENEWAL	\$0	\$0	\$0	\$0	\$0
	none					
588124	SEWER-ASSESSABLE PROJ	\$0	\$0	\$0	\$0	\$0
5.05	SEWER REFUNDING - '93	\$5,130	\$0	\$0	\$0	\$0
3.00	SEWER BONDS - '11	186,928	175,520	175,520	164,128	164,128
	SEWER REFUNDING- '11	0	83,860	83,860	0	0
588125	SEWER-OPERATING	\$192,058	\$259,380	\$259,380	\$164,128	\$164,128
8020	SUBTOTAL LONG TERM DEBT INTEREST	\$2,896,848	\$2,623,180	\$2,623,180	\$2,400,020	\$2,400,020
588320	LEASE PURCHASE INT	\$0	\$0	\$0	\$0	\$0
8020	LONG TERM DEBT INTEREST	\$2,896,848	\$2,623,180	\$2,623,180	\$2,400,020	\$2,400,020

Shown below is a chart summarizing the long-term obligations of the City of Bristol, including the self-supporting water (enterprise) debt. Displayed on the chart is the original issue amount of the long-term obligation as well as the present balance and maturity year.

Debt Summary Long-Term Bonded Debt As of July 1, 2014 (Pro-Forma)						
Issue	Purpose	Rate	Original Issue	Balance Outstanding	Fiscal Year Maturity	
9/1/1996 Water		5.35	4,260,000	1,260,000	2017	
	(6/15/05 PARTIAL REFUND 9/1/1996-Water)		(2,325,000)	(1,260,000)	2017	
10/15/1998 School		4.33	17,440,000	7,715,000	2019	
	(6/15/05 PARTIAL REFUND 10/15/1998-School)		(10,625,000)	(7,715,000)	2019	
6/30/2002 Cleanwater Loan 415 D/C		2.00	1,409,533	553,304	2021	
6/30/2002 Cleanwater Loan 498 D/C		2.00	1,483,380	582,292	2021	
12/31/2003 Cleanwater Loan 504 C		2.00	1,488,101	699,038	2023	
10/15/2004 General Improvement		3.84	22,365,000	10,520,000	2022	
10/15/2004 Water		3.84	600,000	280,000	2022	
11/30/2004 Cleanwater Loan 562 C		2.00	693,527	360,601	2024	
6/15/2005 Refunding of 1996 Water Bonds		3.74	2,315,000	595,000	2018	
6/15/2005 Refunding of 1998 School Bonds		3.74	10,635,000	4,800,000	2019	
5/31/2006 Cleanwater 464 C		2.00	470,225	299,709	2026	
12/1/2006 General Improvement		3.93	10,006,000	5,628,375	2023	
12/1/2006 Schools		3.93	11,600,000	6,525,000	2023	
12/1/2006 Water		3.93	3,394,000	1,926,625	2023	
2/15/2009 Schools		2.23	385,000	265,000	2025	
2/15/2009 General Improvement		2.23	8,515,000	5,840,000	2025	
6/15/2011 Water		4.00	813,000	723,000	2031	
6/15/2011 Schools		4.00	25,550,000	22,860,000	2031	
6/15/2011 General Improvement		4.00	8,637,000	7,727,000	2031	
6/15/2011 Sewer		4.00	5,400,000	4,830,000	2031	
Sub-total			\$124,509,766	\$75,014,944		

**Program Summaries-
Debt Management**

Debt Management (continued)

Below is a chart showing the City of Bristol's bond ratings for bonds issued since 1988.

CITY OF BRISTOL BOND ISSUE RATINGS				
<u>Issue Date</u>	<u>Amount</u>	<u>Moody's Rating</u>	<u>Standard & Poor's Rating</u>	<u>Fitch</u>
June 15, 2011	\$40,400,000	Aa2	AA+	AA+
February 4, 2009	\$8,900,000	Aa3	AA+	AA
December 1, 2006	\$25,000,000	Aa3	AA	AA
June 15, 2005	\$13,055,000	Aa3	AA	AA
October 15, 2004	\$22,965,000	Aa3	AA	AA
September 1, 2000	\$6,440,000	Aa3	AA-	
October 15, 1998	\$17,765,000	A1	AA-	
September 1, 1996	\$4,260,000	A1	AA-	
May 15, 1995	\$2,790,000	A1	AA-	
December 15, 1993	\$6,775,000	A1	AA-	
March 1, 1992	\$23,435,000	A1	AA-	
March 1, 1991	\$9,295,000	A1	AA	
December 15, 1988	\$17,970,000	A1	AA	
February 15, 1988	\$8,765,000	A1	AA	

Below is a chart illustrating the City of Bristol's outstanding debt. The chart shows the beginning principal balance, principal payments, interest payments and the ending debt balance as well as the cumulative principal percent of debt retired. All debt types (general improvement, education, sewer and water department (enterprise) and Cleanwater loans are shown independently on the next few pages with the same information.

All City Long-term Debt (excluding water) As of July 1, 2014 (Pro-Forma)							
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments	Principal Ending Balance	Cumulative % Principal Retired	
2014					\$ 71,490,319	38.1	
2015	\$ 71,490,319	\$ 6,571,926	\$ 2,450,429	\$ 9,022,355	\$ 64,918,393	43.8	
2016	\$ 64,918,393	\$ 6,572,710	\$ 2,208,182	\$ 8,780,892	\$ 58,345,683	49.5	
2017	\$ 58,345,683	\$ 6,573,610	\$ 1,968,391	\$ 8,542,001	\$ 51,772,073	55.2	
2018	\$ 51,772,073	\$ 6,552,630	\$ 1,749,596	\$ 8,302,226	\$ 45,219,443	60.9	
2019	\$ 45,219,443	\$ 6,543,771	\$ 1,536,413	\$ 8,080,184	\$ 38,675,672	60.6	
2020	\$ 38,675,672	\$ 5,620,036	\$ 1,316,076	\$ 6,936,112	\$ 33,055,636	66.3	
2021	\$ 33,055,636	\$ 5,626,428	\$ 1,111,305	\$ 6,737,733	\$ 27,429,208	71.2	
2022	\$ 27,429,208	\$ 5,457,361	\$ 915,392	\$ 6,372,753	\$ 21,971,847	69.8	
2023	\$ 21,971,847	\$ 4,100,534	\$ 747,487	\$ 4,848,021	\$ 17,871,313	64.1	
2024	\$ 17,871,313	\$ 2,686,095	\$ 632,948	\$ 3,319,043	\$ 15,185,218	69.0	
2025	\$ 15,185,218	\$ 2,665,913	\$ 542,377	\$ 3,208,290	\$ 12,519,304	68.8	
2026	\$ 12,519,304	\$ 2,104,304	\$ 448,024	\$ 2,552,328	\$ 10,415,000	73.8	
2027	\$ 10,415,000	\$ 2,083,000	\$ 372,337	\$ 2,455,337	\$ 8,332,000	79.0	
2028	\$ 8,332,000	\$ 2,083,000	\$ 291,620	\$ 2,374,620	\$ 6,249,000	84.3	
2029	\$ 6,249,000	\$ 2,083,000	\$ 208,300	\$ 2,291,300	\$ 4,166,000	89.5	
2030	\$ 4,166,000	\$ 2,083,000	\$ 124,980	\$ 2,207,980	\$ 2,083,000	94.8	
2031	\$ 2,083,000	\$ 2,083,000	\$ 41,660	\$ 2,124,660	\$ -	100.0	
Totals:	\$ 71,490,318	\$ 16,665,517	\$ 88,155,835				

**Program Summaries-
Debt Management**

Debt Management (continued)

General Improvement Long-term Debt As of July 1, 2014 (Pro-Forma)							
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments		Principal Ending Balance	Cumulative % Principal Retired
2014						\$ 29,715,375	40.0
2015	\$ 29,715,375	\$ 2,930,375	\$ 1,048,528	\$ 3,978,903	\$ 26,785,000	\$ 26,785,000	45.9
2016	\$ 26,785,000	\$ 2,930,375	\$ 947,090	\$ 3,877,465	\$ 23,854,625	\$ 23,854,625	51.8
2017	\$ 23,854,625	\$ 2,925,375	\$ 841,695	\$ 3,767,070	\$ 20,929,250	\$ 20,929,250	57.7
2018	\$ 20,929,250	\$ 2,925,375	\$ 739,916	\$ 3,665,291	\$ 18,003,875	\$ 18,003,875	63.6
2019	\$ 18,003,875	\$ 2,925,375	\$ 637,524	\$ 3,562,899	\$ 15,078,500	\$ 15,078,500	69.6
2020	\$ 15,078,500	\$ 2,925,375	\$ 528,084	\$ 3,453,459	\$ 12,153,125	\$ 12,153,125	75.5
2021	\$ 12,153,125	\$ 2,925,375	\$ 416,497	\$ 3,341,872	\$ 9,227,750	\$ 9,227,750	81.4
2022	\$ 9,227,750	\$ 2,925,375	\$ 304,216	\$ 3,229,591	\$ 6,302,375	\$ 6,302,375	87.3
2023	\$ 6,302,375	\$ 1,610,375	\$ 217,998	\$ 1,828,373	\$ 4,692,000	\$ 4,692,000	90.5
2024	\$ 4,692,000	\$ 984,000	\$ 170,371	\$ 1,154,371	\$ 3,708,000	\$ 3,708,000	92.5
2025	\$ 3,708,000	\$ 984,000	\$ 134,416	\$ 1,118,416	\$ 2,724,000	\$ 2,724,000	90.0
2026	\$ 2,724,000	\$ 454,000	\$ 97,610	\$ 551,610	\$ 2,270,000	\$ 2,270,000	86.8
2027	\$ 2,270,000	\$ 454,000	\$ 81,153	\$ 535,153	\$ 1,816,000	\$ 1,816,000	89.4
2028	\$ 1,816,000	\$ 454,000	\$ 63,560	\$ 517,560	\$ 1,362,000	\$ 1,362,000	84.2
2029	\$ 1,362,000	\$ 454,000	\$ 45,400	\$ 499,400	\$ 908,000	\$ 908,000	89.5
2030	\$ 908,000	\$ 454,000	\$ 27,240	\$ 481,240	\$ 454,000	\$ 454,000	94.7
2031	\$ 454,000	\$ 454,000	\$ 9,080	\$ 463,080	\$ -	\$ -	100.0
Totals:		\$29,715,375	\$6,310,378	\$36,025,753			

The chart below illustrate the City of Bristol's General Improvement Debt along with the self-supporting water (enterprise fund) debt.

Self-Supporting Water Debt As of July 1, 2014 (Pro-Forma)							
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments		Principal Ending Balance	Cumulative % Principal Retired
2014						\$ 3,524,625	61.1
2015	\$ 3,524,625	\$ 489,625	\$ 124,711	\$ 614,336	\$ 3,035,000	\$ 3,035,000	66.5
2016	\$ 3,035,000	\$ 494,625	\$ 105,174	\$ 599,799	\$ 2,540,375	\$ 2,540,375	72.0
2017	\$ 2,540,375	\$ 489,625	\$ 86,855	\$ 576,480	\$ 2,050,750	\$ 2,050,750	77.4
2018	\$ 2,050,750	\$ 291,625	\$ 72,881	\$ 364,506	\$ 1,759,125	\$ 1,759,125	63.4
2019	\$ 1,759,125	\$ 291,625	\$ 62,249	\$ 353,874	\$ 1,467,500	\$ 1,467,500	69.5
2020	\$ 1,467,500	\$ 291,625	\$ 50,794	\$ 342,419	\$ 1,175,875	\$ 1,175,875	75.5
2021	\$ 1,175,875	\$ 291,625	\$ 39,317	\$ 330,942	\$ 884,250	\$ 884,250	81.6
2022	\$ 884,250	\$ 291,625	\$ 28,006	\$ 319,631	\$ 592,625	\$ 592,625	87.7
2023	\$ 592,625	\$ 256,625	\$ 17,418	\$ 274,043	\$ 336,000	\$ 336,000	92.0
2024	\$ 336,000	\$ 42,000	\$ 11,839	\$ 53,839	\$ 294,000	\$ 294,000	63.8
2025	\$ 294,000	\$ 42,000	\$ 10,474	\$ 52,474	\$ 252,000	\$ 252,000	69.0
2026	\$ 252,000	\$ 42,000	\$ 9,030	\$ 51,030	\$ 210,000	\$ 210,000	74.2
2027	\$ 210,000	\$ 42,000	\$ 7,508	\$ 49,508	\$ 168,000	\$ 168,000	79.3
2028	\$ 168,000	\$ 42,000	\$ 5,880	\$ 47,880	\$ 126,000	\$ 126,000	84.5
2029	\$ 126,000	\$ 42,000	\$ 4,200	\$ 46,200	\$ 84,000	\$ 84,000	89.7
2030	\$ 84,000	\$ 42,000	\$ 2,520	\$ 44,520	\$ 42,000	\$ 42,000	94.8
2031	\$ 42,000	\$ 42,000	\$ 840	\$ 42,840	\$ -	\$ -	100.0
Totals:		\$3,524,625	\$639,696	\$4,164,321			

**Program Summaries-
Debt Management**

Debt Management (continued)

The following debt management charts display the City of Bristol's long-term school and sewer debt.

Sewer Long-term Debt As of July 1, 2014 (Pro-Forma)						
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments	Principal Ending Balance	Cumulative % Principal Retired
2014					\$ 4,830,000	29.9
2015	\$ 4,830,000	\$ 285,000	\$ 164,128	\$ 449,128	\$ 4,545,000	35.0
2016	\$ 4,545,000	\$ 285,000	\$ 152,728	\$ 437,728	\$ 4,260,000	22.5
2017	\$ 4,260,000	\$ 285,000	\$ 141,328	\$ 426,328	\$ 3,975,000	27.7
2018	\$ 3,975,000	\$ 283,000	\$ 132,798	\$ 415,798	\$ 3,692,000	32.9
2019	\$ 3,692,000	\$ 283,000	\$ 125,723	\$ 408,723	\$ 3,409,000	38.0
2020	\$ 3,409,000	\$ 283,000	\$ 115,818	\$ 398,818	\$ 3,126,000	43.2
2021	\$ 3,126,000	\$ 283,000	\$ 105,913	\$ 388,913	\$ 2,843,000	48.3
2022	\$ 2,843,000	\$ 283,000	\$ 97,423	\$ 380,423	\$ 2,560,000	53.4
2023	\$ 2,560,000	\$ 283,000	\$ 88,933	\$ 371,933	\$ 2,277,000	58.6
2024	\$ 2,277,000	\$ 284,000	\$ 80,250	\$ 364,250	\$ 1,993,000	63.8
2025	\$ 1,993,000	\$ 284,000	\$ 71,020	\$ 355,020	\$ 1,709,000	68.9
2026	\$ 1,709,000	\$ 284,000	\$ 61,258	\$ 345,258	\$ 1,425,000	74.1
2027	\$ 1,425,000	\$ 285,000	\$ 50,944	\$ 335,944	\$ 1,140,000	79.3
2028	\$ 1,140,000	\$ 285,000	\$ 39,900	\$ 324,900	\$ 855,000	84.5
2029	\$ 855,000	\$ 285,000	\$ 28,500	\$ 313,500	\$ 570,000	89.6
2030	\$ 570,000	\$ 285,000	\$ 17,100	\$ 302,100	\$ 285,000	94.8
2031	\$ 285,000	\$ 285,000	\$ 5,700	\$ 290,700	\$ -	100.0
Totals:	\$ 4,830,000	\$ 1,479,464	\$ 1,313,184			

School Long-term Debt As of July 1, 2014 (Pro-Forma)						
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments	Principal Ending Balance	Cumulative % Principal Retired
2011					\$ 34,450,000	37.3
2012	\$ 34,450,000	\$ 3,070,000	\$ 1,190,491	\$ 4,260,491	\$ 31,380,000	42.9
2013	\$ 31,380,000	\$ 3,065,000	\$ 1,066,866	\$ 4,131,866	\$ 28,315,000	48.5
2014	\$ 28,315,000	\$ 3,065,000	\$ 949,771	\$ 4,014,771	\$ 25,250,000	54.1
2015	\$ 25,250,000	\$ 3,040,000	\$ 847,304	\$ 3,887,304	\$ 22,210,000	59.6
2016	\$ 22,210,000	\$ 3,025,000	\$ 749,730	\$ 3,774,730	\$ 19,185,000	48.9
2017	\$ 19,185,000	\$ 2,095,000	\$ 655,003	\$ 2,750,003	\$ 17,090,000	54.5
2018	\$ 17,090,000	\$ 2,095,000	\$ 578,115	\$ 2,673,115	\$ 14,995,000	60.1
2019	\$ 14,995,000	\$ 2,095,000	\$ 507,890	\$ 2,602,890	\$ 12,900,000	65.6
2020	\$ 12,900,000	\$ 2,095,000	\$ 437,615	\$ 2,532,615	\$ 10,805,000	58.3
2021	\$ 10,805,000	\$ 1,370,000	\$ 380,924	\$ 1,750,924	\$ 9,435,000	63.6
2022	\$ 9,435,000	\$ 1,370,000	\$ 336,212	\$ 1,706,212	\$ 8,065,000	68.4
2023	\$ 8,065,000	\$ 1,345,000	\$ 288,978	\$ 1,633,978	\$ 6,720,000	73.7
2024	\$ 6,720,000	\$ 1,344,000	\$ 240,240	\$ 1,584,240	\$ 5,376,000	79.0
2025	\$ 5,376,000	\$ 1,344,000	\$ 188,160	\$ 1,532,160	\$ 4,032,000	84.2
2026	\$ 4,032,000	\$ 1,344,000	\$ 134,400	\$ 1,478,400	\$ 2,688,000	89.5
2027	\$ 2,688,000	\$ 1,344,000	\$ 80,640	\$ 1,424,640	\$ 1,344,000	94.7
2028	\$ 1,344,000	\$ 1,344,000	\$ 26,880	\$ 1,370,880	\$ -	100.0
Totals:	\$ 34,450,000	\$ 8,659,219	\$ 43,109,219			

**Program Summaries-
Debt Management**

Debt Management (continued)

Cleanwater (SEWER) Loans As of July 1, 2014 (Pro-Forma)							
Fiscal Year Ended June 30	Principal Beginning Balance	Principal Payments	Interest Payments	Total Payments		Principal Ending Balance	Cumulative % Principal Retired
2014						\$ 2,494,944	55.0
2015	\$ 2,494,944	\$ 286,551	\$ 47,282	\$ 333,833	\$ 2,208,393	\$ 2,208,393	60.2
2016	\$ 2,208,393	\$ 292,335	\$ 41,498	\$ 333,833	\$ 1,916,058	\$ 1,916,058	65.4
2017	\$ 1,916,058	\$ 298,235	\$ 35,597	\$ 333,832	\$ 1,617,823	\$ 1,617,823	70.8
2018	\$ 1,617,823	\$ 304,255	\$ 29,578	\$ 333,833	\$ 1,313,568	\$ 1,313,568	76.3
2019	\$ 1,313,568	\$ 310,396	\$ 23,436	\$ 333,832	\$ 1,003,172	\$ 1,003,172	81.9
2020	\$ 1,003,172	\$ 316,661	\$ 17,171	\$ 333,832	\$ 686,511	\$ 686,511	87.6
2021	\$ 686,511	\$ 323,053	\$ 10,780	\$ 333,833	\$ 363,458	\$ 363,458	86.3
2022	\$ 363,458	\$ 153,986	\$ 5,863	\$ 159,849	\$ 209,472	\$ 209,472	92.1
2023	\$ 209,472	\$ 112,159	\$ 2,941	\$ 115,100	\$ 97,313	\$ 97,313	91.6
2024	\$ 97,313	\$ 48,095	\$ 1,403	\$ 49,498	\$ 49,218	\$ 49,218	89.5
2025	\$ 49,218	\$ 27,913	\$ 729	\$ 28,642	\$ 21,305	\$ 21,305	95.5
2026	\$ 21,304	\$ 21,304	\$ 178	\$ 21,482	\$ -	\$ -	100.0
Totals:		\$ 2,494,943	\$ 216,456	\$ 2,711,399			

**Program Summaries-
Debt Management**

Debt Management (continued)

The chart below shows all the Capital Projects that have been approved by the City of Bristol that have not had long-term obligations issued at this time. It is anticipated that the next long-term bond issuance will be taking place in the 2014-2015 fiscal year.

BONDING APPROPRIATIONS OUTSTANDING AS OF JULY 1, 2014			
BONDING TYPE	PROJECT	BONDING AMOUNT OUTSTANDING	
SCHOOL	Southside Roof Replacement	\$ 220,000	
SCHOOL	West Bristol K-8 School	39,100,000	**
SCHOOL	Forestville K-8 School	40,350,000	**
SCHOOL	Roof Replacement- Administration Buildings	297,500	
SCHOOL	Northeast Middle School Roof Replacement	1,196,650	
SCHOOL	Bristol Central High School Running Track	750,000	
GENERAL	South Street Widening	80,000	
GENERAL	PW Garage Architectural	120,000	
GENERAL	Mall Purchase/Legal	6,275,000	
GENERAL	Sediment Control Structures- Pequabuck River	20,000	
GENERAL	Fire Department- Engine 4	6,000,000	
GENERAL	Fire Department- Engine 5	600,000	
GENERAL	Purchase Street Lights	750,000	
GENERAL	Mall Demolition/Abatement	3,500,000	
GENERAL	Frederick Street/Coppermine Engineering Study	81,000	
GENERAL	Senior Center Utility Upgrades	2,360,700	
GENERAL	Senior Center Roof Replacement	600,000	
GENERAL	Casey Field Improvements	210,000	
GENERAL	Single Stream Recycling Program	800,000	
GENERAL	HJ Mills Parking Lot Construction	880,000	
GENERAL	Pequabuck River Stablization Wall	680,000	
GENERAL	Willis Street Reconstruction- Phase 2	900,000	
GENERAL	Hillside Place Intersection Improvements	440,000	
GENERAL	Muzzy Field Improvements	2,500,000	
GENERAL	Frederick Street Bridge/ Channel Improvements	1,400,000	
GENERAL	Matthews Street Reconstruction	800,000	
GENERAL	Coppermine Brook- Storm Drain Study	800,000	
GENERAL	Dorset Horn & Great Pyrenees Way Reconstruction	400,000	
GENERAL	Fern Hill Road Reclamation (Nelson Farm- Oakridge)	690,000	
GENERAL	Birch Street- Roadway Reclamation (Redstone to Pine	480,000	
GENERAL	Munchausen & Bartholomew Street Reconstruction	310,000	
GENERAL	Mountain Road Rock Face Stablization	320,000	
GENERAL	Stevens Street Watershed Storage Area	820,000	
GENERAL	Stevens Street Bridge- Richard Court Berm	550,000	
GENERAL	Coppermine Brook- Removal of private bridge	380,000	
GENERAL	Waterbury Road Reconstruction	3,500,000	
GENERAL	Roadway Reclamation- Various Roads	580,000	
GENERAL	Divinity Street Culvert Replacement	350,000	
SEWER	Forestville SSO Reduction Relief- Force Main	60,000	(2)
SEWER	Phosphorus Removal Upgrade	17,000,000	
WATER	Water Storage Tank Replacement	8,000	(1)
Total		\$ 137,158,850	
(1)	Self-supporting Water Debt		
(2)	WPC User Fees will support 1/2 and 1/2 with tax funded		
	BONDING APPROPRIATIONS BY TYPE		
	GENERAL IMPROVEMENT	\$ 38,176,700	
	SCHOOLS	81,914,150	
	SEWER	17,060,000	
	WATER (SELF-SUPPORTING)	8,000	
	Total	\$ 137,158,850	
**	These appropriated amounts to be offset by State Grants for 73.93% or \$77,626,500 in State Grants.		
	The City of Bristol's debt is structured to limit the impact of taxes. We try and keep level debt service funding from year to year.		